

a¹³ "A series of C-terminal amino acid deletions were introduced into the α -galactosidase gene. Deletions of 4, 8, 12 or 25 codons from the C-terminus of rGAL-A were generated as well as the addition of the putative ER retention sequence (SEKDEL), see Table 10 and Figure 12 (sequence of TTODA (rGAL-12R). The deletion vectors were designated as described in Table 10:".

The paragraph (the title of the table) at page 65, line 1 should read:
"Table 10".

The paragraph beginning at page 65, line 3 should read:

a¹⁴ "The α -galactosidase gene fragment present in vector rGAL-12R was placed into TMV vector SBS5. In addition, the rice α -amylase signal peptide present in rGAL-12R was replaced by the native human α -galactosidase signal peptide. The resultant vector designated SBS5-rGAL-12R, see Figure 13, exhibited genetic stability upon serial passage on *N. benthamiana* plants."

In the Claims:

Please cancel Claims 1-18.

Please add the following new claims:

--19. (New) A polypeptide comprising the amino acid sequence of rGAL-12, wherein the C-terminus of said polypeptide is the amino sequence depicted in SEQ ID NO: 29.

a¹⁵ 20. (New) The polypeptide according to claim 19, wherein said polypeptide is glycosylated at least at one amino acid position selected from the group consisting of amino acid positions 108, 161, 184, and 337 relative to rGAL-12.

21. (New) The polypeptide according to claim 19, wherein said polypeptide is glycosylated at least at one amino acid position selected from the group consisting of amino acid positions 108, 161, and 184 relative to rGAL-12.

22. (New) The polypeptide according to claim 19, wherein said polypeptide has a plant glycosylation pattern at amino acid positions 108, 161, and 184 relative to rGAL-12, wherein an alpha 1, 3 fucose is present on the proximal GlcNac.

23. (New) The polypeptide according to claim 19, wherein said polypeptide has a plant glycosylation pattern at amino acid positions 108, 161, and 184 relative to rGAL-12, wherein an beta 1, 2 xylose is present on a beta-linked mannose of the core.

24. (New) A polynucleotide encoding the polypeptide according to claim 19.

25. (New) The polypeptide according to claim 19, wherein said polypeptide consists of the amino acid sequence of rGAL-12.

26. (New) The polypeptide according to claim 25, wherein said polypeptide is glycosylated at least at one amino acid position selected from the group consisting of amino acid positions 108, 161, 184, and 337 relative to rGAL-12.

27. (New) The polypeptide according to claim 25, wherein said polypeptide is glycosylated at least at one amino acid position selected from the group consisting of amino acid positions 108, 161, and 184 relative to rGAL-12.

28. (New) The polypeptide according to claim 25, wherein said polypeptide has a plant glycosylation pattern at amino acid positions 108, 161, and 184 relative to rGAL-12, wherein an alpha 1, 3 fucose is present on the proximal GlcNac.

29. (New) The polypeptide according to claim 25 wherein said polypeptide has a plant glycosylation pattern at amino acid positions 108, 161, and 184 relative to rGAL-12, wherein an beta 1, 2 xylose is present on a beta-linked mannose of the core.

30. (New) A polynucleotide encoding the polypeptide according to claim 25.

31. (New) A polypeptide comprising the amino acid sequence of rGAL-12R, wherein the C-terminus of said polypeptide is the amino sequence depicted in SEQ ID NO: 30.

32. (New) The polypeptide according to claim 31, wherein said polypeptide is glycosylated at least at one amino acid position selected from the group consisting of amino acid positions 108, 161, 184, and 337 relative to rGAL-12R.

33. (New) The polypeptide according to claim 31, wherein said polypeptide is glycosylated at least at one amino acid position selected from the group consisting of amino acid positions 108, 161, and 184 relative to rGAL-12R.

34. (New) The polypeptide according to claim 31, wherein said polypeptide has a plant glycosylation pattern at amino acid positions 108, 161, and 184 relative to rGAL-12R, wherein an alpha 1, 3 fucose is present on the proximal GlcNac.

35. (New) The polypeptide according to claim 31, wherein said polypeptide has a plant glycosylation pattern at amino acid positions 108, 161, and 184 relative to rGAL-12R, wherein an beta 1, 2 xylose is present on a beta-linked mannose of the core.

36. (New) A polynucleotide encoding the polypeptide according to claim 31.

37. (New) The polypeptide according to claim 31, wherein said polypeptide consists of the amino acid sequence of rGAL-12R.

38. (New) The polypeptide according to claim 37, wherein said polypeptide is glycosylated at least at one amino acid position selected from the group consisting of amino acid positions 108, 161, 184, and 337 relative to rGAL-12R.

39. (New) The polypeptide according to claim 37, wherein said polypeptide is glycosylated at least at one amino acid position selected from the group consisting of amino acid positions 108, 161, and 184 relative to rGAL-12R.

40. (New) The polypeptide according to claim 37, wherein said polypeptide has a plant glycosylation pattern at amino acid positions 108, 161, and 184 relative to rGAL-12R, wherein an alpha 1, 3 fucose is present on the proximal GlcNac.

41. (New) The polypeptide according to claim 37 wherein said polypeptide has a plant glycosylation pattern at amino acid positions 108, 161, and 184 relative to rGAL-12R, wherein an beta 1, 2 xylose is present on a beta-linked mannose of the core.

42. (New) A polynucleotide encoding the polypeptide according to claim 37.

43. (New) A polypeptide comprising the amino acid sequence of rGAL-25, wherein the C-terminus of said polypeptide is the amino sequence depicted in SEQ ID NO: 31.

44. (New) The polypeptide according to claim 43, wherein said polypeptide is glycosylated at least at one amino acid position selected from the group consisting of amino acid positions 108, 161, 184, and 337 relative to rGAL-25.

45. (New) The polypeptide according to claim 43, wherein said polypeptide is glycosylated at least at one amino acid position selected from the group consisting of amino acid positions 108, 161, and 184 relative to rGAL-25.

46. (New) The polypeptide according to claim 43, wherein said polypeptide has a plant glycosylation pattern at amino acid positions 108, 161, and 184 relative to rGAL-25, wherein an alpha 1, 3 fucose is present on the proximal GlcNac.

47. (New) The polypeptide according to claim 43, wherein said polypeptide has a plant glycosylation pattern at amino acid positions 108, 161, and 184 relative to rGAL-25, wherein an beta 1, 2 xylose is present on a beta-linked mannose of the core.

48. (New) A polynucleotide encoding the polypeptide according to claim 43.

49. (New) The polypeptide according to claim 43, wherein said polypeptide consists of the amino acid sequence of rGAL-25.

50. (New) The polypeptide according to claim 49, wherein said polypeptide is glycosylated at least at one amino acid position selected from the group consisting of amino acid positions 108, 161, 184, and 337 relative to rGAL-25.

51. (New) The polypeptide according to claim 49, wherein said polypeptide is glycosylated at least at one amino acid position selected from the group consisting of amino acid positions 108, 161, and 184 relative to rGAL-25.

52. (New) The polypeptide according to claim 49, wherein said polypeptide has a plant glycosylation pattern at amino acid positions 108, 161, and 184 relative to rGAL-25, wherein an alpha 1, 3 fucose is present on the proximal GlcNac.

53. (New) The polypeptide according to claim 49 wherein said polypeptide has a plant glycosylation pattern at amino acid positions 108, 161, and 184 relative to rGAL-25, wherein an beta 1, 2 xylose is present on a beta-linked mannose of the core.

54. (New) A polynucleotide encoding the polypeptide according to claim 49.

55. (New) A polypeptide comprising the amino acid sequence of rGAL-25R, wherein the C-terminus of said polypeptide is the amino sequence depicted in SEQ ID NO: 32.

56. (New) The polypeptide according to claim 55, wherein said polypeptide is glycosylated at least at one amino acid position selected from the group consisting of amino acid positions 108, 161, 184, and 337 relative to rGAL-25R.

57. (New) The polypeptide according to claim 55, wherein said polypeptide is glycosylated at least at one amino acid position selected from the group consisting of amino acid positions 108, 161, and 184 relative to rGAL-25R.

58. (New) The polypeptide according to claim 55, wherein said polypeptide has a plant glycosylation pattern at amino acid positions 108, 161, and 184 relative to rGAL-25R, wherein an alpha 1, 3 fucose is present on the proximal GlcNac.

59. (New) The polypeptide according to claim 55, wherein said polypeptide has a plant glycosylation pattern at amino acid positions 108, 161, and 184 relative to rGAL-25R, wherein an beta 1, 2 xylose is present on a beta-linked mannose of the core.

60. (New) A polynucleotide encoding the polypeptide according to claim 55.

61. (New) The polypeptide according to claim 55, wherein said polypeptide consists of the amino acid sequence of rGAL-25R.

62. (New) The polypeptide according to claim 61, wherein said polypeptide is glycosylated at least at one amino acid position selected from the group consisting of amino acid positions 108, 161, 184, and 337 relative to rGAL-25R.

63. (New) The polypeptide according to claim 61, wherein said polypeptide is glycosylated at least at one amino acid position selected from the group consisting of amino acid positions 108, 161, and 184 relative to rGAL-25R.